# BLUETOOTH ATTACKS- a Survey on smart watches data leakage through open Bluetooth connections

***Abstract:***

Bluetooth is a short-range wireless communication technology that are widely used in today’s world .It allows devices such as mobile phones, computers, and peripherals(IOT devices) to transmit data or voice wirelessly over a short distance. The purpose of Bluetooth is to replace the cables that normally connect devices, while still keeping the communications between them secure.

Now a day’s the usage of smart watches is widely spread in every age group because of various inbuilt features such as calling, messaging, health tracking, and GPS tracks etc. Some of these features collect sensitive data and store them for analytics purpose. The security aspects provided by these devices depends on the price range.

Our study is to identify the data leakages through open Bluetooth connections on smart watches. We conducted a survey on it and observed that, there might be a chance to connect to a Bluetooth without any Permission from master device. Our study aim’s at to find flaws regarding open Bluetooth connections and prevent attacks such as data leakage, identifying and protecting from hackers.

**Keywords:** Smart watch; cyber security; attack; privacy

**References:**

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| **Name of the Guide** | **Team Members** |
| Mr.CH. Satish Kumar sir | Revathi Paidi (S170286) |
| Chaitanya Uppala (S170020) |
| Hema Kiran Devudala (S170914) |